

odds

Date: _____

Core: _____

Practice: Equations with Variables on both sides

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|----------------------------|-------------------------|--------------------------|
| 1. $9t = 4t + 120$ | 2. $42 + 3b = -4b - 14$ | 3. $-6 - 8c = 3c + 16$ |
| 4. $3y + 7 = -6 - 56$ | 5. $3y - 20 = 8y$ | 6. $x - 7 = 2x - 6$ |
| 7. $2a + 6 = -a - 8$ | 8. $4w + 8 = 6w - 4$ | 9. $b + b + 18 = 4b$ |
| 10. $7a = 2(a - 10)$ | 11. $2(x - 4) = 3x$ | 12. $4(8 - y) = 2y + 16$ |
| 13. $7a - 4 + 2a = 3a - 2$ | 14. $9 - (2k - 3) = k$ | 15. $8x + 36 = 4(7 - x)$ |

1. The figures have the same perimeter. Find the value of the variable.

